



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/14202

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04J 1/16 US CL : 370/466 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 370/264, 265, 300, 352, 395.1, 449, 466, 468, 470, 476, 485, 487, 493					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) East, NPL					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.		
A	KRAIMECHE, B. Integration of VBR Video and A Access Node. Computer Communications and Netw 573.		1-12		
A	NEDEV, N. et al. ATM Cell Error Performance of xDSL Under Impulse Noise. Communications, 11-14 June 2001, Vol. 4, pages 1254-1258.		1-12		
A	SAMOSIR, B.H. PT Telkom Results on Field Tests of Asymmetric DSL - Lite Technology via ATM Networks. ATM and High Speed Intelligent Internet Symposium. 22-25 April 2001, pages 227-230.		1-12		
A	US 6,081,530 A (WIHER et al) 27 June 2000 (27.06.2000), see attached document.		1-12		
A	US 6,246,695 B1 (SEAZHOLTZ et al) 12 June 2001 (12.06.2001), see attached document.		I-12		
Further	documents are listed in the continuation of Box C.	See patent family annex.			
* S ₁	pecial categories of cited documents:	"T" later document published after the inte			
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	plication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be consider when the document is taken alone			
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"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent	family		
Date of the actual completion of the international search 01 July 2002 (01.07.2002)		Date of mailing of the international sea	20027		
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Commissioner of Patents and Trademarks Box PCT		Hassan Kizou	1/1/1/1		
Washington, D.C. 20231		1\ <i>U\U\U\U\U\</i> \	1/\/11/101		
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A	NEDEV, N. et al. ATM Cell Error Performance of Communications, 11-14 June 2001, Vol. 4, pages 1	1-12			
A	SAMOSIR, B.H. PT Telkom Results on Field Tests Technology via ATM Networks. ATM and High Sp 22-25 April 2001, pages 227-230.	1-12			
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	which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination			
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	published prior to the international filing date but later than the ate claimed	"&" document member of the same patent family			
	ctual completion of the international search	Date of mailing of the international sear	Ch report		
	(01.07.2002)				
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT		Authorized officer Hassan Kizou			
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